A CATALOGUE OF THE MACHINES AND MODELS IN THE REPOSITORIES OF THE SOCIETY.

Which may be viewed and examined every Day (SUNDAYS and WEDNESDAYS excepted) by any Gentleman who shall apply to the Register at the Society's House, in the Adelphi-Buildings, between the Hours of Eleven and Two.

CLASS I.

Machines and Models belonging to Agriculture.

I. A Model of a Machine for drying Madder, by Mr. George Rutt, 1763.

II. A Bee-Box, presented to the Society by Sir Charles Whitworth, Vice-President, 1763.

III. Two Brabant Scythes, for reaping Corn, presented to the Society by William Hanbury, Esq.

IV. A Model of a Plough for turning up Heath Ground, by Mr. Ringrose.

V. A Model of a Thistle Cutter, by Mr. Ringrose, March 16, 1763.

VI. A Land Roller, presented to the Society, by Mr. Scawen, of Carshalton, Surrey, 1761.

VII. A Model of a Plough, with six Shares and Coulters, by Robert Gee, 1767.

VIII. A Drain-Plough, by Mr. Cuthbert Clarke, 1767.

IX. A Drain-Plough, by Mr. William Knowles, 1767.

X. A Drill-Plough, by M. De Chateau-vieux.

XI. A single Cultivator, by ditto.

XII. A double ditto, by ditto, 1765.

XIII. A Scarificator, presented to the Society by Mr. John Winn, Baker, of Ireland, 1767.

XIV. A Drill-Plough, by the Rev. Mr. Gainsborough, 1766.

XV. A Drill-Plough, by Mr. Willey, 1766.

XVI. A Drill-Plough, with Improvements, by ditto, 1767.

XVII. A Horse-Hoe, by the Rev. Mr. Hewit.

XVIII. A Horse-Hoe, with a Harrow, by the Rev. Mr. Hewit.

XIX. A Machine for winnowing Corn, by Mr. Evers.

XX. A Machine for dressing Flour, by ditto, 1761.

XXI. A Model of a Machine for dressing Wheat and Malt, by Mr. Mackell.

XXII. XXIII. A Cyder Mill and Press, by Mr. Charles Lloyd, 1761.

XXIV. A Machine for slicing Turneps, by Mr. Edghill, 1766.

XXV. A Perambulator for measuring Roads, by Richard Lovell Edgeworth, Esq. 1767.

XXVI. A Model of a Field-Gate, by Mr. Thomas Orm, 1766.

XXVII. A Trenching-Plough, by Mr. Ducket.

XXVIII. A Three-Furrow Plough, by ditto, 1767.

XXIX. A Model of a Machine for threshing Corn, by Mr. Evers, 1768.

XXX. A Model of a Machine for making close Drills, by Mr. Bestland, 1769.

XXXI. A Model of a temporary Barn, presented to the Society by Richard Lovell Edgeworth, Esq.

XXXII. A Drill-Plough by Mr. Craik, 1770.

XXXIII. A Drill-Plough, presented to the Society by Dr. Gale, 1770.

XXXIV. A covered Drain-Plough, by Mr. Makins, 1770.

XXXV. A Machine for cutting Straw, by Mr. William Bailey, 1770.

XXXVI. An Apparatus for destroying Insects on Melon Beds, by Mr. Thomas Green, 1771.

XXXVII. A Plough, by Mr. Cuthbert Clarke, 1771.

XXXVIII. A Model of a Machine for levelling Land, by Mr. Christopher Saverland, 1771.

XXXIX. A Plough with a Circular Coulter, by Matthew Peters, Esq. 1772.

XL. A Spring and Index for ascertaining the Force of the Draught in ploughing, invented by Mr. More, 1772.

XLI. A Machine for cutting Roots, by Nicholas Turner, Esq. 1772.

XLII. A Drill-Plough, by Mr. Thomas Hope, 1773.

XLIII. An Iron Plough, by Mr. Brand, 1773.

XLIV. A Machine for cutting Straw, by Mr. Stephen Smith, 1774.

XLV. A new-invented Plough for mending Roads, by Mr. Christopher Pinchbeck, 1774.

XLVI. A Model of a Scarificator, by Mr. Butler, of York, 1775.

XLVII. A Drill-Plough, by Mr. Blanchard, 1775.

XLVIII. A Horse-Hoe, by Richard Lloyd, Esq.

XLIX. A Harrow, presented by ditto.

L. A Plough with three Shares, for stirring Stubble Land, by Captain Hinde.

LI. A Scythe, by ditto.

LII. A Model of a Land-Roller, presented to the Society by Captain Hinde, 1775.

LIII. A Collar and Harness for a Bull.

LIV. A Hand-Drill, by John Arbuthnot, Esq. 1769.

LV. A Model of a Machine for preserving Hay-Ricks from Rain during the making, by Mr. Richard Toft, 1778.

LVI. A Model of a Horse-Hoe, by William Ilbert, Esq. 1778.

LVII. A Machine for sowing Turneps, by Sir William Fordyce, 1779.

LVIII. A Machine for slicing Turneps, by Mr. Kite, 1780.

LIX. Two new-constructed Bee-Boxes, and two Bee-Hives, by Mr. Keys, 1782.

LX. A Tool for digging up, and cutting Turneps, by Mr. Winsor.

LXI. A Model of a Trenching Machine, by Mr. Robert Hayward, 1783.

LXII. A Model of a Drill for Beans, by Mr. Boys.

LXIII. A Model of a Drill for Wheat, by Mr. Boys.

CLASS II.

Machines and Implements belonging to Chemistry.

I. A Digester, by Mr. Creagh, 1762.

II. A portable Furnace, &c. by Dr. Lewis.

III. A Swivel-Gun, by Mr. John Bedford, 1776.

CLASS III.

Machines and Models belonging to Manufactures.

I. A New-invented Comb-Pot, by Mr. S. Hayward, 1763.

II. A Longshed Spinning-Wheel, by Mr. Thomas Perrin, 1762.

III. A Spinning-Wheel, by Mr. John Webb, 1761.

IV. A Spinning-Wheel, by Mr. Thomas Perrin, 1761.

V. An Horizontal Spinning-Wheel, by Mr. William Harrison, 1764.

VI. A Spinning-Wheel, by Mr. Perrin, 1765.

VII. A Spinning-Wheel, by Mr. Garrat, 1766.

VIII. A Spinning-Wheel, by Mr. Garrat, 1767.

IX. A Machine for Winding and Doubling Worsted, by Mr. Jeremiah Burrows, 1765.

X. A Machine for Winding and Doubling, by Mr. Crager, 1765.

XI. A Machine for Winding and Doubling, by Mr. Garrat, 1766.

XII. A Reel for Winding Silk from the Cocoons, by Mr. Verrier, 1762.

XIII. A Silk Reel, presented to the Society, by John Pownall, Esq.

XIV. A complete Frame and Reel to wind Silk, agreeable to the present best method of working in Italy.

XV. A Model of a Loom for Brocades, by Mr. Sebastian Favier, 1761.

XVI. A Stocking Frame, by Mr. Samuel Unwin, 1765.

XVII. A Stocking Frame, by Mr. Whyman, 1766.

XVIII. A Loom, by Mr. J. Almond, 1771.

XIX. A Machine for Doubling and Twisting, 1771.

XX. A Machine for Winding Balls of Thread, by Mr. John Powell, 1779.

CLASS IV.

Models of Mills, Cranes, Machines for raising Water, Carriages, and other Machines and Implements, not reducible to any particular class.

I. A Model of a Saw-Mill, by Mr. James Stainsfield, 1766.

II. A Hand-Mill, for grinding Corn, by Mr. John Gordon.

III. A Steel Mill, for Grinding Corn, by Mr. Peter Lyon, 1758.

IV. A Hand-Mill, by Mr. Samuel Parsons, 1758.

V. A Hand-Mill by Mr. Charles Lloyd, 1761.

VI. A Hand-Mill, with Improvements, by Mr. William Bailey, made from one brought from St. Cas, by his Royal Highness the late Duke of York, 1760.

VII. A Model of a Windmill, by Mr. James Verrier, 1761.

VIII. A Model of a Windmill, by Mr. Lewis, 1761.

IX. A Model of a Machine for raising Water, by Mr. Merryman, 1766.

X. A Model of a Windmill, by Mr. Nickalls, 1760.

XI. A Model of a Windmill for draining Land, by Mr. Collier, 1758.

XII. Ditto by ditto, for the same purpose.

XIII. A Trough and Wheel, by ditto, more fully to explain No. XI.

XIV. A Model of a Tidemill, by the Rev. Mr. Gainsborough, 1761.

XV. A Model of a Tidemill, by Mr. Coulthard, 1762.

XVI. A Model of a Tidemill, by Mr. Nickalls, 1760.

XVII. A Model of a Machine for boring Augur Holes, by Mr. William Bailey, 1760.

XVIII. A Model of a Crane with three Powers, by Mr. James Ferguson, 1762.

XIX. A Model of a Crane, by Mr. Samson, 1765.

XX. A Lock, by Mr. Moore, 1763.

XXI. A Model of a Four-wheel Carriage, by Mr. Cotton, 1767.

XXII. A Model of a Four-wheel Carriage, by Messrs. Cranefield, 1765.

XXIII. The Implements used by the Dutch in the Turbot Fishery.

XXIV. A Model of a Four-wheel Fish Carriage, by Mr. Stephen Boult, 1762.

XXV. A Model of a Two-Wheel Fish Carriage, by ditto, 1762.

XXVI. A Model of a Two-wheel Fish Carriage, by Mr. Joachim Smith, 1762.

XXVII. Two Machines for trying Ships Blocks.

XXVIII. A Model of a Machine for raising Water, by Mr. Wirts, 1768.

XXIX. A Model of an Apparatus for saving the Lives of Men aboard of Ships, stranded on a Lee Shore, by Mr. John Winn, 1767.

XXX. A Compass and Protractor, by Mr. Aaron Miller, 1767.

XXXI. A Model of a Machine, for Grinding and polishing Glass, by Mr. Jeremiah Burrows, 1767.

XXXII. An Expanding Rod for gauging Vessels, by Mr. Efford, 1767.

XXXIII. A Pair of Door-hinges with spiral Springs, by Mr. Delevitz. 1768.

XXXIV. A Model of a Wheel Crane, by Mr. Pinchbeck, 1767.

XXXV. A Model, shewing by what means an alternate Motion may be made to produce a constant Rotation, by Keane Fitzgerald, Esq. 1768.

XXXVI. A Model of a Machine Cart, by Mr. Black, 1767.

XXXVII. A Model of Dr. Hale's Ventilator, by Mr. Thomas Yeoman, 1768.

XXXVIII. A Model of a Machine for making Wheel Tyre, by Mr. Hunt.

XXXIX. An Instrument for gauging Vessels, by Mr. Efford, 1769.

XL. A Pair of new-invented Coach Springs, by Mr. Jacob, 1769.

XLI. An Hydraulic Machine, by Mr. Westgarth, 1769.

XLII. An Iron Mill for grinding Corn, by Messrs. Freeth, 1769.

XLIII. A portable Iron Oven, by Mr. Clements, 1770.

XLIV. A Bolting-mill, by Mr. Nathaniel Stedman, 1770.

XLV. A Machine to teach Blind Persons the Rules of Arithmetic, by Mr. Granville, 1770.

XLVI. A Bolting-mill, by Mr. Thomas Preston, 1771.

XLVII. A Jack for the use of House and Ship-builders, by Mr. Abraham Staghold, 1771.

XLVIII. A Sash Pulley, by Mr. Flower, 1771.

XLIX. A Worm Augur, by Mr. Phineas Cook, 1771.

L. An Index Balance, by Mr. Sebastian Clayss, 1771.

LI. A Machine for bruising Oats and Malt, by Mr. Wilcox, 1771.

LII. A Breast Wimble, with Dr. Hook's universal Joint, by Mr. Delevitz, 1771.

LIII. A Model of a Wheel Carriage to turn in the least Angle, by Mr. William Bailey, jun. 1772.

LIV. A Model of a new-constructed Arch, by Mr. Arrow, 1772.

LV. A Machine for slicing Turneps, &c. by Nicholas Turner, Esq. 1772.

LVI. A Machine to give an Alarm in case of Fire, by Messrs. Inols and Jewers, 1771.

LVII. A Gun Harpoon, by Mr. Abraham Staghold, 1772.

LVIII. A falling Hinge, by Mr. Gascoigne, 1773.

LIX. An Apparatus to prevent the ill Effects of Mercury in Water Gilding, by Mr. J. Hill, 1774.

LX. A Machine to cut Chips for Hats, by Mr. Galloway, 1775.

LXI. A Machine for weighing Gold Coin, by Mr. Matthew Hill, 1775.

LXII. A Model of a Machine to raise Ore, &c. by Mr. Hulman, 1775.

LXIII. A Gun and Harpoon, by Mr. Richard Gibson, 1775.

LXIV. A Floating Light for saving the Lives of those who fall overboard at Sea, by Mr. William Shipley, 1776.

LXV. A Model of a Post Coach, by Mr. John Hudson, 1776.

LXVI. A Coach Brace, by Mr. Groce, 1776.

LXVII. A Model of an Apparatus for fishing up Goods from the Bottom of the Sea, by Mr. Frazer, 1776.

LXVIII. An Iron Frame for an Umbrella, by Mr. Mackenzie, 1776.

LXIX. A Model of a Perch Bolt, and of an Axle-Tree, by Mr. Hall, 1777.

LXX. A Model of a Packing Press, by Mr. Gilpin, 1777.

LXXI. A Machine for watering Gardens, by Messrs. Green and Gray, 1777.

LXXII. A Bolt for a Gate, by Mr. Friend, 1777.

LXXIII. A Machine for ascertaining an universal Standard of Measure, by Mr. Thomas Hatton, 1779.

LXXIV. A Model of the York Indiaman, showing the Method used to bring her up to Deptford, after

having been driven on Shore at Margate, by Mr. William Barnard, 1779.

LXXV. A Valve Water Cock, by Mr. John Holmes, 1780.

LXXVI. A Model of a new-constructed Crank for Saw-Mills, &c. by Mr. John Foulds, 1780.

LXXVII. A Model, showing the Method of raising Doors over Carpets, by Mr. John Harrison, 1780.

LXXVIII. A Lock, by Mr. Thomas Cornthwaite, 1780.

LXXIX. A Model of a new constructed Roller, by Mr. Thomas Greenstreet, 1781.

LXXX. An Instrument for taking the apparent Heights of Objects, and their Distances from each other, by Mr. Richard Samuel, 1782.

LXXXI. A Lock, by Mr. Thomas Cornthwaite, 1783.

LXXXII. An improved Gun Harpoon, presented by Nathaniel Jarman, Esq. 1783.